

WSR-88D MODIFICATION NOTE 40
(For Electronics Technicians)

- SUBJECT** : Retrofit of RDA and PUP Optical Disk Controller Board EPROM Chips.
- PURPOSE** : To inspect/replace Optical Disk Controller (ODC) EPROM chips if the ODC Board part number is 96-162F01M00R00 through R12 or 96-162F01M01R00 through R05 with ODC EPROM chips part numbers 94-602F05R10, 94-602F06R10, 94-602F07R10, and 94-602F08R10.
- EQUIPMENT AFFECTED** : Radar Data Acquisition (RDA) Group and Principal User Processor (PUP) Group.
- PARTS REQUIRED** : The following parts make up the kit for this modification:
- | <u>Nomenclature</u> | <u>Part Number</u> | <u>Quantity</u> |
|---------------------------------|--------------------|-----------------|
| ODC EPROM Chip Set | 94-602F05R10 | 1 each |
| | 94-602F06R10 | 1 each |
| | 94-602F07R10 | 1 each |
| | 94-602F08R10 | 1 each |
| ODC Board Label 96-162F01M00R13 | N/A | 1 each |
| ODC Board Label 96-162F01M01R06 | N/A | 1 each |
| Federal Express Label | N/A | 1 each |
- MOD PROCUREMENT** : If required, call the OSF Logistics Section (405-366-2962) to order the kit at no cost to the affected sites.
- SPECIAL TOOLS AND TEST EQUIPMENT REQUIRED** : Chip extractions/insertion and pin straightener tool kit.
- TIME REQUIRED** : 1.0 staff-hours for each RDA
1.0 staff-hours for each PUP
- EFFECT ON OTHER INSTRUCTIONS** : None.
- AUTHORIZATION** : The authority for this modification is

STATEMENT

ECP 4260-002R3.

**VERIFICATION
STATEMENT**: This modification was successfully installed
at Altus AFB, OK.**GENERAL**

This inspection/replacement modification is to inspect the Optical Disk Controller (ODC) boards, part numbers 96-162F01M00R00 through R12 or 96-162F01M01R00 through R05, in the RDA, UD5/105A12A12, and PUP, UD41A16A17. If the board part number is within the above range, replace the ODC EPROM chips with part numbers 94-602F05R10, 94-02F06R10, 94-602F07R10, 94-602F08R10. This retrofit corrects the problems that occurred during power initialization. The ODC initially returned false sync and showed additional disk drives or optical disks being present even if none existed. In addition, the power up sequence was not properly displayed on the light display output. During a tape rewind operation, a forced ABORT command would cause the SCSI bus to loop continuously.

The removed ODC EPROM Chips are to be returned to the National Reconditioning Center using the Federal Express label provided in the kit.

Mark the return tag with:

NSN, part number, and part name

For Remarks, write "Parts returned for modification under Mod Note 40."

Immediately return the ODC Chips to the NRC for rework.

National Reconditioning Center
1520 East Bannister Rd
Kansas City, MO 64131

For additional information concerning this modification note, contact the Operational Support Facility, System Support Branch, Norman, Oklahoma; phone number: (405) 366-6540.

PROCEDURE

See attachment 1 for the RDA and attachment 2 for the PUP.

EFFECTIVITY

All WSR-88D RDA and PUP sites.

REPORTING MODIFICATION

Target date for completion of this modification is 60 days after receipt of modification note and kit. Report completed modification on WS Form A-26, Engineering Management Reporting System Maintenance Record, according to instructions in EHB-4, Part 2, using reporting code RDA and/or PUP. Also, record the modification number in block 17a as 40. (See attachment 4 for a completed sample of WS Form A-26.)

In addition, complete attachment 3 and fax, mail or e-mail to:

System Support Branch, Logistics Section
Operational Support Facility
3200 Marshall Ave Suite 101
Norman, Oklahoma 73072-8028

Fax number: (405) 366-6553

e-mail address: Logistics@osf.noaa.gov

Signed
John McNulty, Chief
Engineering Division

Signed
James D. Belville, Director
Operational Support Facility

Attachments

EHB-6
Issuance 97-15
10/21/97